

Fig. 1

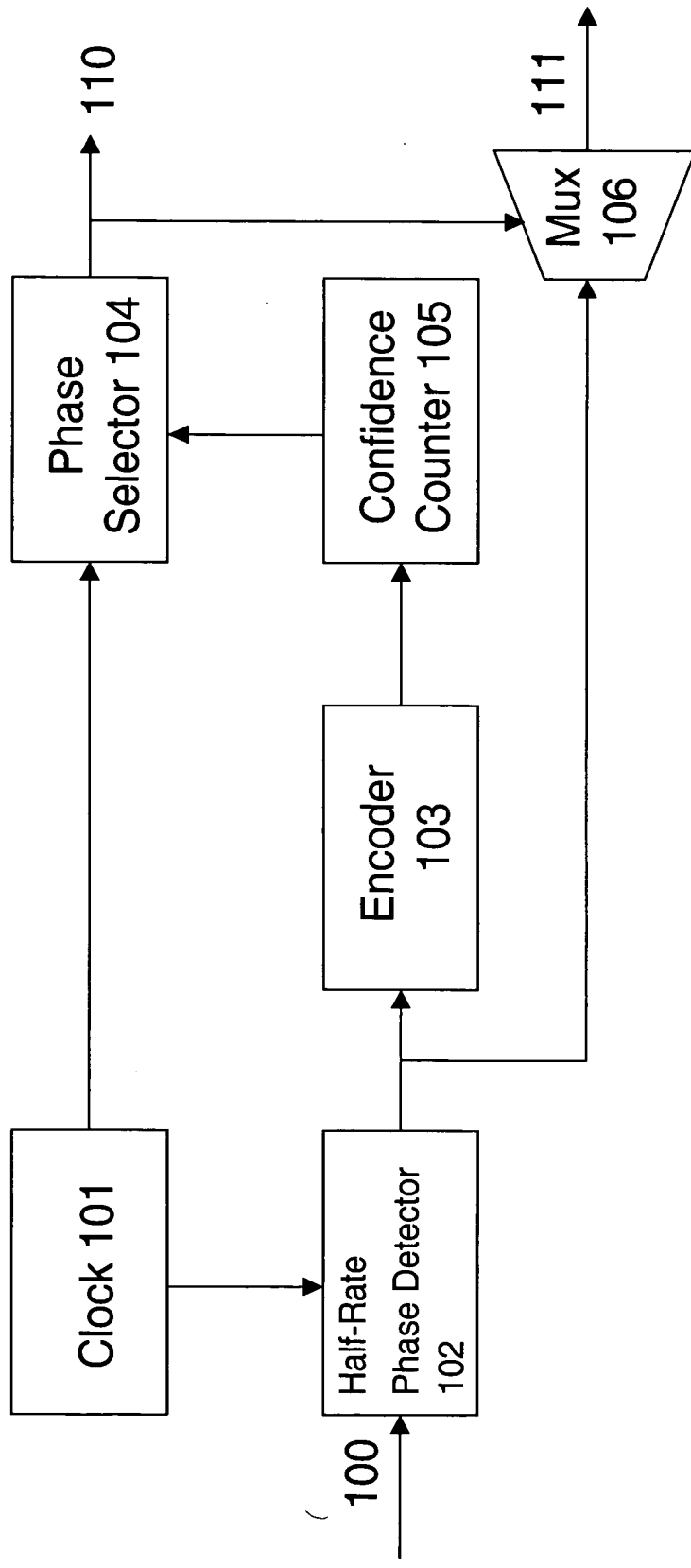


Fig. 2A

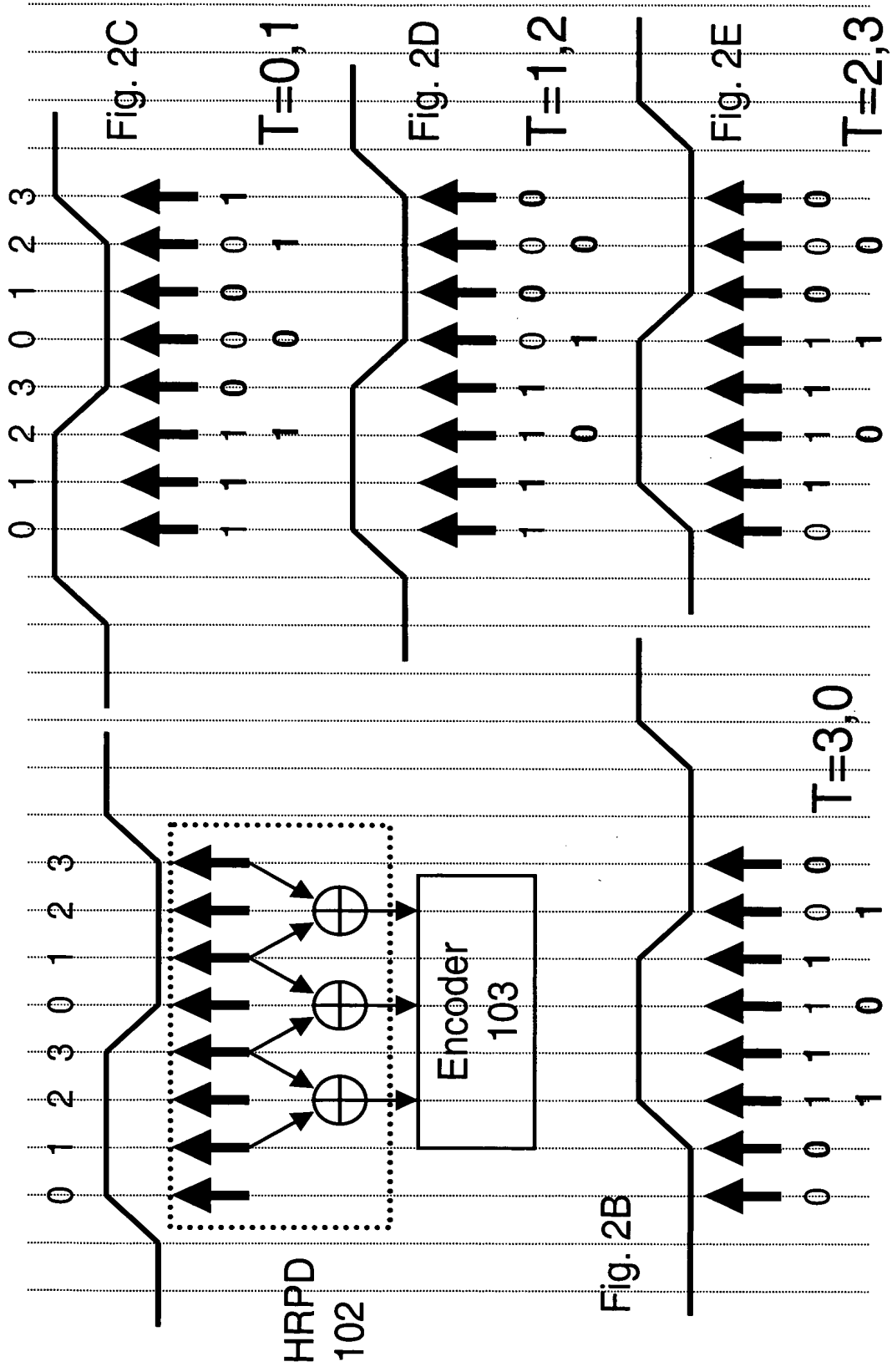


Fig. 2B

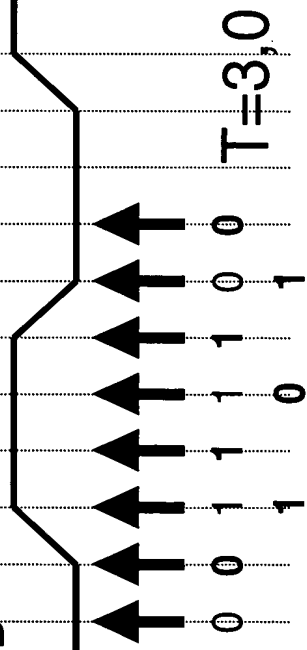


Fig. 3A

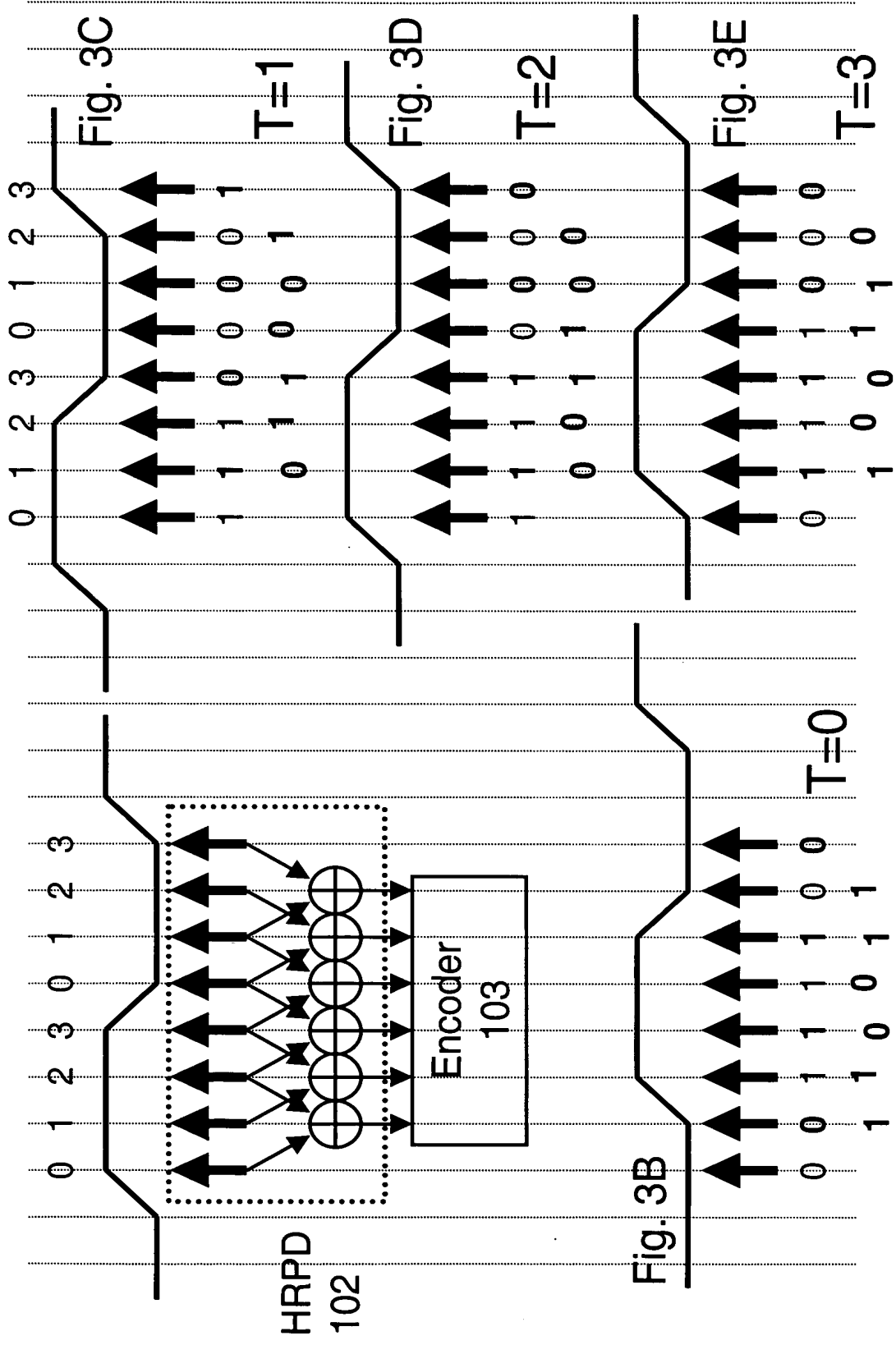


Fig. 4A

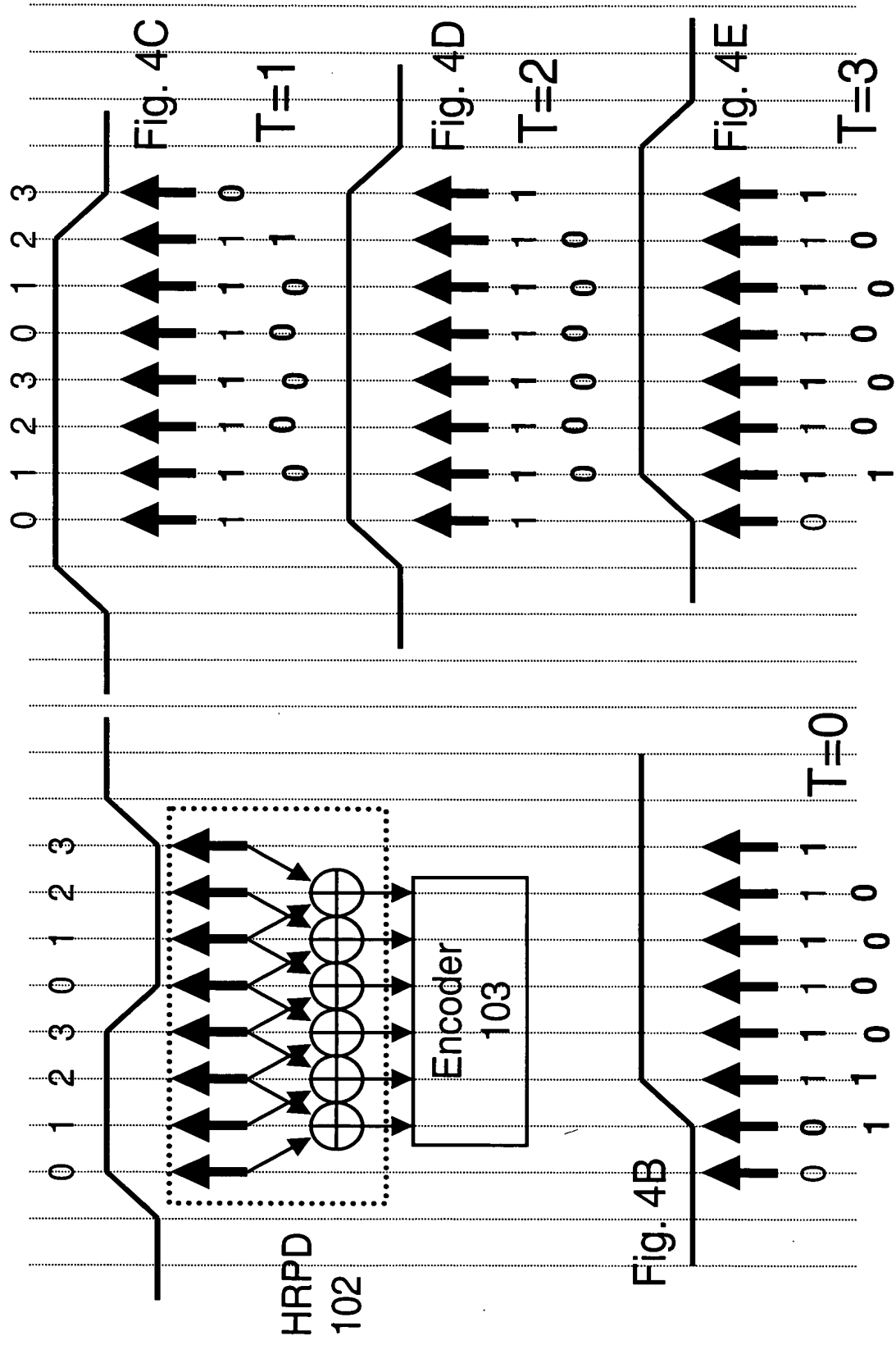


Fig. 4B

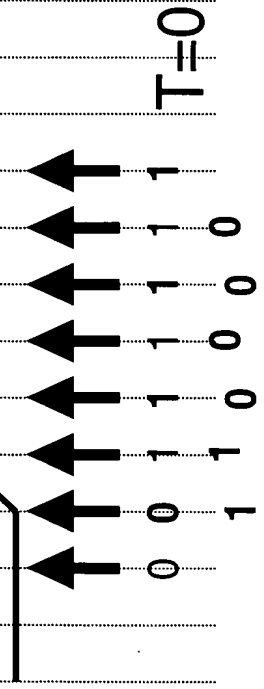


Fig. 5A

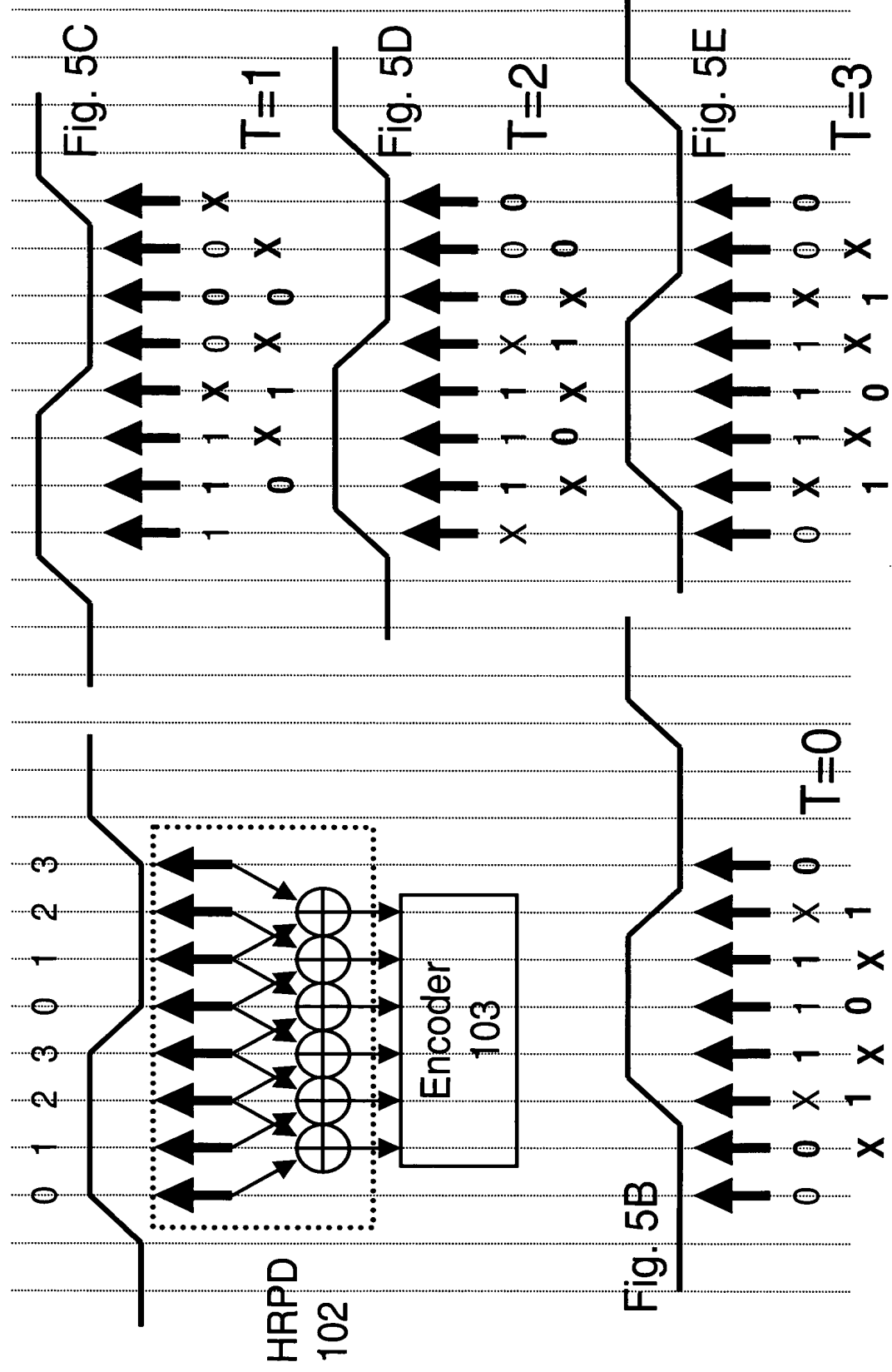


Fig. 6A

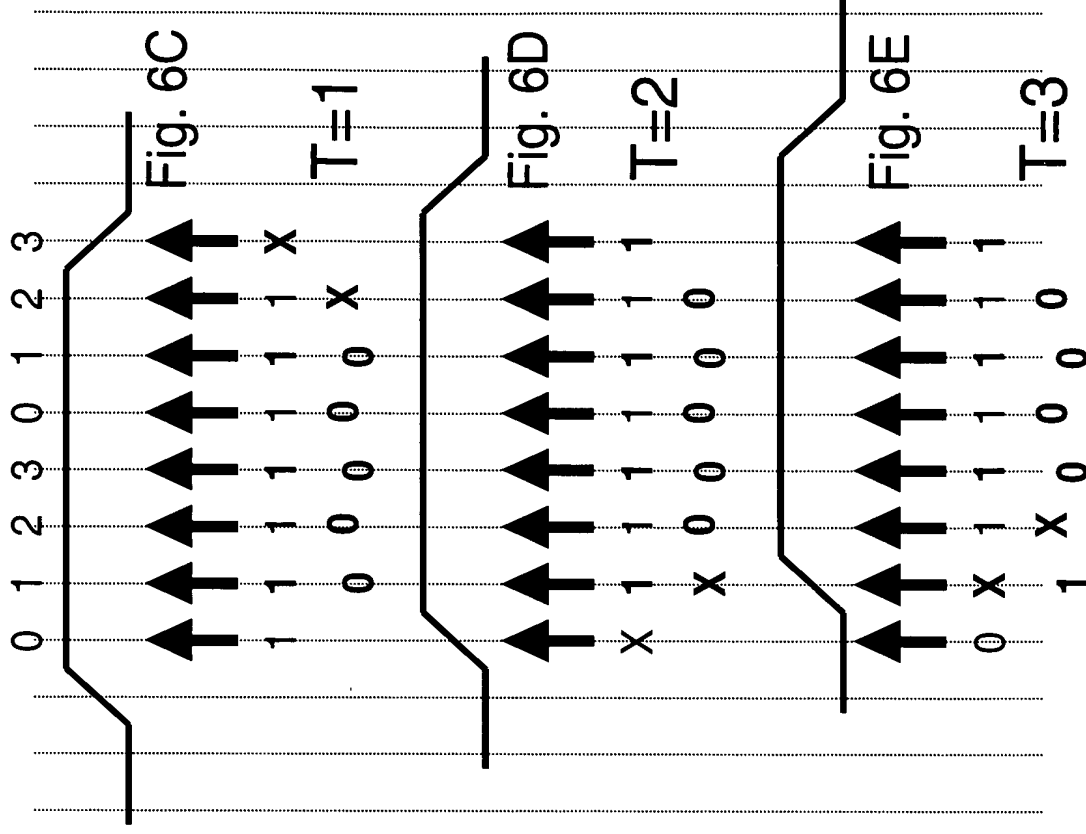
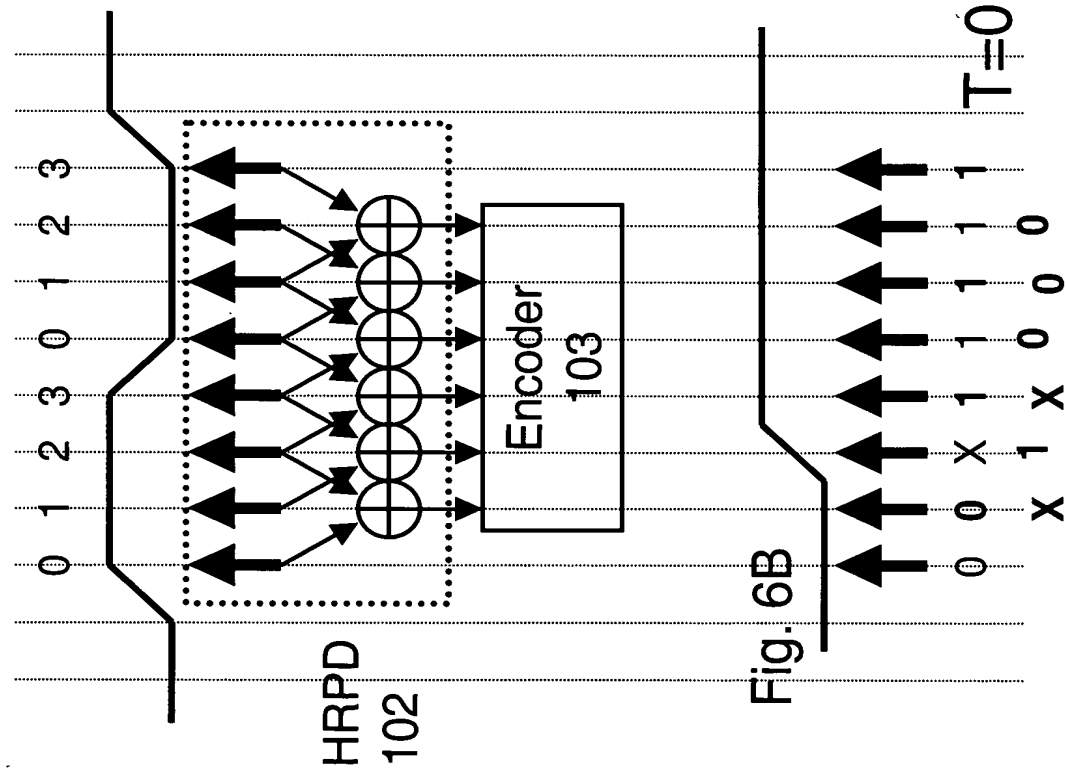
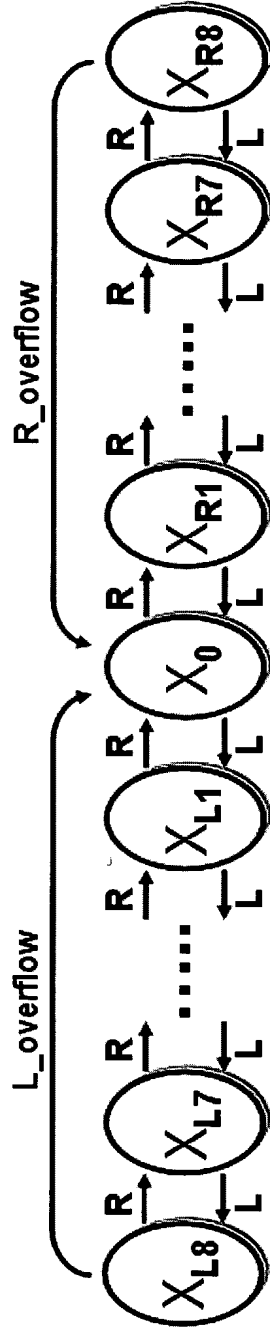


Fig. 7

➤ State Diagram

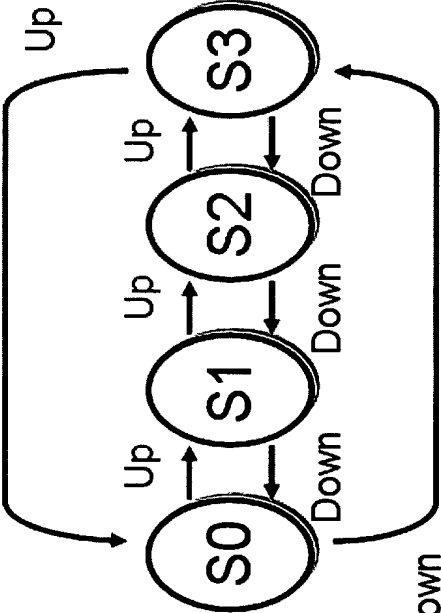


State	$X_8$	$X_7$	$X_6$	$X_5$	$X_0$	$X_1$	$X_2$	$X_3$	$X_4$
Initial State	0	0	0	0	1	0	0	0	0

Fig. 8

Up/Down Phase Selector

➤ State Diagram



*Initial State  $S_{ini}=S_0$*

System State	$S_0$	$S_1$	$S_2$	$S_3$
Optimum Phase	$T_0$	$T_1$	$T_2$	$T_3$
Sampling Phases	$P_0, P_4$	$P_1, P_5$	$P_2, P_6$	$P_3, P_7$
O_Sel	0	1	0	1

Fig. 9

